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(54) Title: CHEMOTACTIC FACTOR INHIBITOR FOR MODULATING INFLAMMATORY REACTIONS

(57) **Abstract:** The present invention relates to compounds and methods for modulating, reducing or inhibiting, inflammatory reactions in a patient. Particularly, inflammatory reactions that are targeted by the present invention are cell migration, secretion of toxic products and proteolysis at a site of inflammation. Reduction of inflammation manifestations and reactions occurs by using an anti-S100 polynucleotide or polypeptide inhibitor or antagonist, which is essentially targeted against S100A8, S100A9 or S100A12, alone or in combination with other inhibitors of chemokines or immune modulating products.

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